

# **ZANUSSI**

## **REFRIGERATOR- FREEZER ZI 310 DIS**

**INSTRUCTION BOOKLET**

# IMPORTANT SAFETY INFORMATION

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is left with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant safety information.

This information has been provided in the interest of safety. You **MUST** read it carefully before installing or using the appliance.

## Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.  
**Important:** if the supply cable is damaged, it must be replaced by a special cable available from the manufacturer or its service agent.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall but leaving the required distance for ventilation as stated in the installation instructions.
- The appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.
- Do not place carbonated or fizzy drinks in the freezer.
- Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Ice lollies can cause 'frost/freezer burns' if consumed straight from the freezer.
- Manufacturers' storage recommendations should be strictly adhered to. Refer to relevant instructions.
- The cooling plate or refrigerated freezer shelves in this appliance contain channels through which the refrigerant passes. If these are punctured this will cause substantial damage to the appliance and result in food loss. **DO NOT USE SHARP INSTRUMENTS** to scrape off frost or ice. Under **NO** circumstances should solid ice be forced off the lining or shelves. Solid ice should be allowed to thaw, when defrosting the appliance. See Defrost Instructions.

## Child Safety

- Do not allow children to tamper with the controls or play with the product.
- Keep all packaging well away from children.

## General Safety

- **Take utmost care when handling your appliance so as not to cause any damages to the cooling unit with consequent possible fluid leakages.**
- **The appliance must not be located close to radiators or boilers.**
- **Avoid prolonged exposure of the appliance to direct sunlight.**
- **Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.**

## During Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs only.
- Frozen food must **NOT** be re-frozen once it has thawed out.

## Maintenance and Cleaning

- Switch off and unplug the appliance before carrying out any cleaning or maintenance work.

## Servicing

- This product should be serviced by an authorised engineer and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Refer to your local Electrolux Service Force Centre and always insist on genuine spare parts.

## At the end of the Appliance Life

- When disposing of your appliance, use an authorised disposal site.
- Remove the plug and ensure that any locks or catches are removed, to prevent young children being trapped inside.

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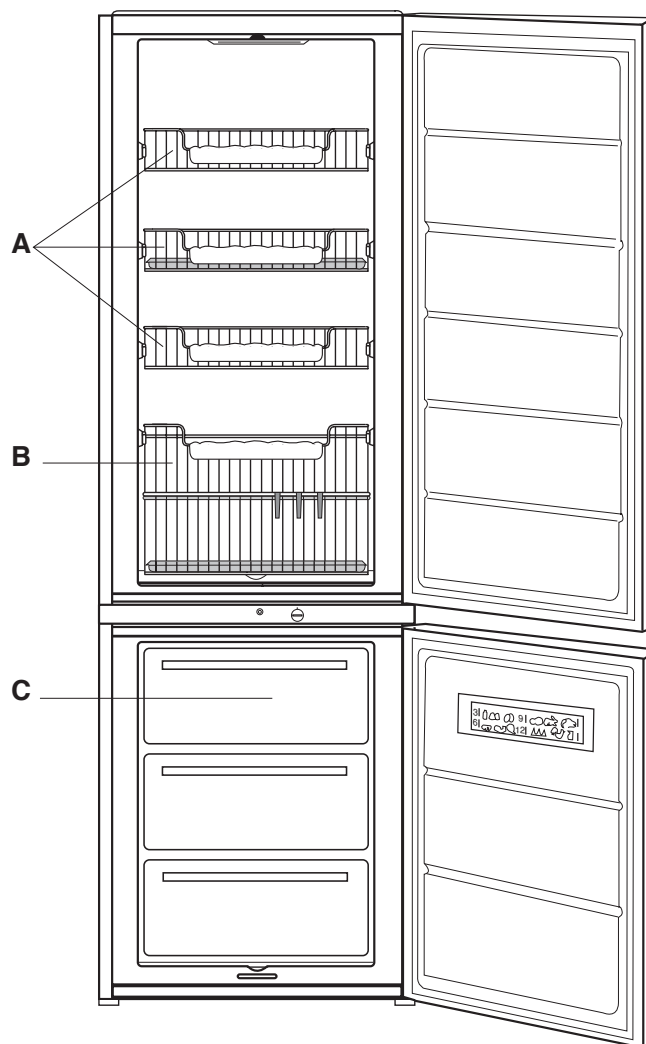
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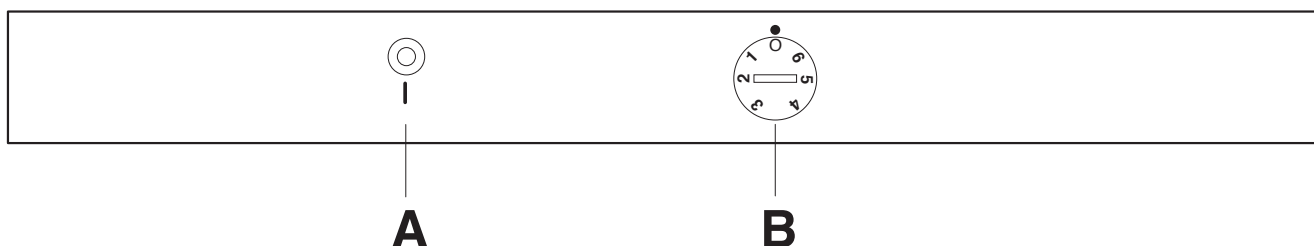
# DESCRIPTION OF THE APPLIANCE



- A**- Storage wire baskets
- B** - Bottle storage wire basket
- C**- Freezing fresh food

# OPERATION

## Control panel



### Before using

Remove all securing tapes. Wash inside the appliance with lukewarm water and bicarbonate of soda (5 ml to 0.5 litre of water).

**Do not use soap or detergent as the smell may linger. Dry thoroughly.**

### Setting the temperature

The temperature inside the refrigerator and the freezer is regulated by a single thermostat (B) with 6 temperature positions and an “OFF” (O) position.

The pilot light (A) will illuminate when switched on.

Position 1 = minimum coldness

Position 6 = maximum coldness

Turn the thermostat dial to the required position.

**The intermediate position is usually the most suitable (3-4).**

The thermostat setting can vary as the temperature inside the refrigeration compartment depends on the following factors:

- room temperature
- how often the door is opened
- how much food is stored
- position of the appliance



#### Important

If the fridge is not defrosting correctly, it is possible that because a very low temperature has been selected, the motor is working continuously, which prevents the defrost cycle from operating.

To ensure correct defrosting, a lower number should be selected on the thermostat and you should notice that the motor cuts out from time to time, which is correct.

If you wish to return to a lower temperature, turn the thermostat to a higher number, however you should turn the setting lower occasionally to allow automatic defrosting.

### The freezer compartment

The four-star freezer compartment is suitable for storage of commercially frozen food and for freezing fresh foods.


### Freezing fresh food

It is not necessary to adjust the thermostat setting when freezing fresh food.

In any 24 hours you can freeze up to 4 kg.

Place food to be frozen in the upper drawer of the freezer as this is the coldest part. (C)

If large quantities of food are to be stored, remove all drawers and baskets from the appliance and place food on cooling shelves. Pay careful attention not to exceed load limit

stated on the side of the upper section (where  applicable).



#### Important

In the event of a power cut the food in the freezer will not be affected if the power cut is short and if the freezer is full. Do not open the door. Should the food begin to thaw, it must be consumed quickly and must not be re-frozen.

**DEFROSTED COOKED FOOD MUST NOT BE REFROZEN.**

## Storage of frozen food

When first starting-up or after a period of use, before putting the products in the freezer compartment let the appliance run for at least two hours on the coldest setting, then turn the thermostat knob to the normal operation position.

Do not exceed the storage period indicated by the manufacturer.

Finally, do not open the door frequently or leave it open longer than is absolutely necessary.



### Important

Do not put carbonated liquids, (fizzy drinks etc.), in the freezer compartment.

Ice lollies, if consumed immediately after removal from the freezer, can cause low temperature skin burns.

Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or "frost/freezer burns".

## Thawing

Frozen food, prior to being used, can be thawed in the fridge or at room temperature depending on the time available. Small food items may even be cooked from frozen; in this case cooking will take longer.

Any frozen food which is allowed to thaw accidentally should either be eaten as soon as possible or thrown away. Alternatively, if the food is uncooked and has not been completely defrosted it can be cooked and then refrozen.

Meat, fish and fruit should be thawed in the refrigerator compartment and small pieces of meat can even be cooked while still frozen, but you must ensure that it is thoroughly cooked through.

Vegetables should be directly immersed in boiling water; ready-cooked dishes can be placed directly in the oven in their aluminium wrapping.

A microwave oven is particularly suitable for thawing any type of frozen food: follow the oven instructions, particularly regarding the placement of aluminium wrapping or containers in the oven.



**Defrosted cooked food must never be refrozen.**

## Making ice cubes

The appliance is provided with two plastic ice cube trays.

Fill the trays 3/4 full to allow the ice to expand and place them in one of the freezer drawers.

To turn out the ice cubes simply give the tray a slight twist to release the cubes.

## Fresh food refrigeration

To obtain the best performance, do not store warm food or evaporating liquid in the refrigerator; do cover or wrap the food, particularly if it has a strong flavour.

Do not cover the shelves with any protective material, such as paper, cardboard or plastic, which may obstruct the air circulation through them.

To help you use your refrigerator correctly, here are some more useful hints:

Raw meat (beef, pork, lamb & wild fowl): wrap in polythene bags and place on top of the salad crispers.

**Meat can only be stored safely in this way for one or two days at the most.**

Fruit & vegetables: these should be thoroughly cleaned and placed in the bottom salad crispers.

Butter & cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.

Milk bottles: these should have a cap and should be stored in the bottle rack on the door.

## Normal Operating Sounds

- You may hear faint gurgling or bubbling sounds when the refrigerant is pumped through the coils or tubing at the rear, to the cooling plate/evaporator or to the fixed freezer shelves.
- When the compressor is on, the refrigerant is being pumped round, and you will hear a whirring sound or pulsating noise from the compressor.
- A thermostat controls the compressor, and you will hear a faint 'click' when the thermostat cuts in and out.

# HINTS AND TIPS

## Food Storage

- To obtain the best results from your appliance, neither hot foods nor liquids which may evaporate, should be placed in the larder compartment.
- Keep the time between buying chilled food and placing it in your fridge as short as possible.
- Do not push food together too much, try to allow air to circulate around each item.
- Do not store food uncovered.
- Remove suspect food from your refrigerator and clean, refer to 'Maintenance and Cleaning'.
- Ensure that food placed in the freezer is dated and labelled and used in date order to ensure that food is consumed at its best.
- Avoid buying frozen food if you cannot store it straight away. The use of an insulated container is advisable. When you arrive home place the frozen food in the freezer immediately.

## Energy Saving Advice

- Do not install the cabinet close to sources of heat, i.e. boiler or radiator.
- Locate the appliance in a cool well ventilated room and make sure that the air openings of the cabinet are not obstructed.
- Avoid unnecessary frosting in the cabinet by packing all foodstuffs into airtight packages before placing them in the freezer.
- Always leave warm food to cool down to room temperature before placing in the fridge or freezer.
- Food which is to be frozen (when cool) should be placed in the fridge before being transferred to the freezer.
- Thaw frozen food in the fridge. This will ensure safer defrosting of foods and reduce the work of the refrigeration unit.
- Try to avoid keeping the door open for long periods, or opening the door too frequently as warm air will enter the cabinet, and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.

## In the Event of a Power Failure

If there is a power failure during the storage of frozen foods, keep the door closed. If the temperature within your freezer should rise do not refreeze the food without checking it's condition. The following guidelines should assist you.

### **Ice Cream:**

Once thawed should be discarded.

### **Fruit and Vegetables:**

If soft should be cooked and used up.

### **Bread and Cakes:**

Can be refrozen without danger.

### **Shellfish:**

Should be refrigerated and used up quickly.

### **Cooked Dishes:**

i.e. casseroles, should be refrigerated and used up.

### **Large Pieces of Meat:**

Can be re-frozen providing there are ice crystals remaining within them.

### **Small Joints:**

Should be cooked and then re-frozen as cooked dishes.

### **Chicken:**

Should be cooked and re-frozen as a fresh dish.

# MAINTENANCE AND CLEANING

Before any maintenance or cleaning work is carried out, DISCONNECT the appliance from the ELECTRICITY supply.

## Internal cleaning

Clean the inside and accessories with warm water and bicarbonate of soda (5ml to 0.5 litre of water). Rinse and dry thoroughly.



**NEVER USE DETERGENTS, ABRASIVE POWDERS, HIGHLY PERFUMED CLEANING PRODUCTS OR WAX POLISHES, TO CLEAN THE INTERIOR AS THESE WILL DAMAGE THE SURFACE AND LEAVE A STRONG ODOUR.**

## External cleaning

Wash the outer cabinet door with warm soapy water.



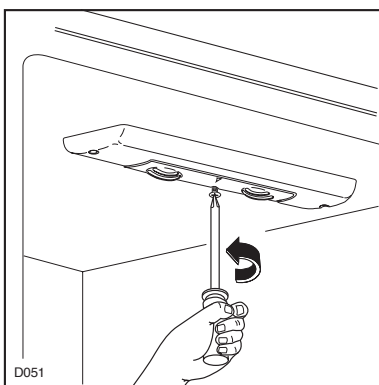
Do not use abrasive products

## When the appliance is not in use

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all foods and clean the appliance, leaving the doors ajar to prevent unpleasant smells.

## Changing the light bulb

Should the interior light fail to work, first switch off the appliance and disconnect from the electricity supply, then replace the bulb as follows;



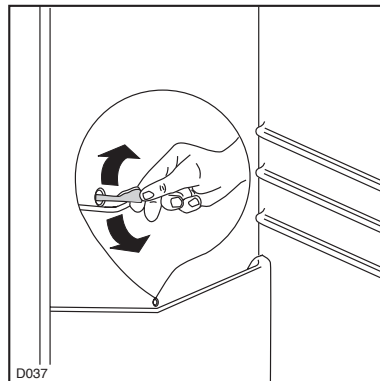
Remove fixing screw and diffuser. Replace bulb with new 15 watt bulb, Edison E 14 base fitting (available from your nearest Service Force Centre).

Refit the diffuser and fully tighten the screw.

## Defrosting

### Refrigerator

The refrigerator automatically defrosts every time the compressor stops. The water is discharged, via the pipe, into a tray located at the back of the appliance above the compressor, where it evaporates.



### Important

To avoid defrost water overflowing into the fridge, periodically clean the water discharge hole in the centre of the V shaped drip collector at the back of the refrigerator compartment behind the fruit and vegetable drawer. Use the defrost cleaner provided which you will find already inserted into the discharge hole.

Remember to wash the defrost cleaner in hot soapy water at regular intervals. Dry thoroughly before replacing.

### Freezer

When the frost has reached a thickness of up to 4mm it can be removed using the ice scraper provided with the appliance. During this operation it is not necessary to disconnect the appliance from the mains and remove the food. Never use metal tools for this operation.

For complete defrosting (once or twice a year) proceed as follows:

- turn the thermostat dial to the «OFF» position (O) or disconnect the appliance from the mains.
- Remove any food from inside the freezer and fridge, wrap it in several sheets of newspaper and store in a cool, dry place.
- Leave the door open and insert the ice scraper under the channel in the centre of the lower part of the appliance; place a low-sided container beneath the scraper to collect the water (see fig.).
- Clean and dry thoroughly.
- Replace the scraper in one of the drawers .



- Reconnect the appliance to the mains or reset the thermostat to a functioning position.
- After letting the appliance run for a least half an hour, replace the previously removed food into the compartment.



### **Important**

When defrosting the freezer, the fridge is also controlled by the thermostat and will not be operational during this period. A temperature rise of the frozen food packs, during defrosting, may shorten their safe storage life.

# SOMETHING NOT WORKING

**Important:** If you call out an engineer to a fault listed below, or to repair a fault caused by incorrect use or installation a charge will be made, even if the appliance is under guarantee.

**Before** contacting your local Service Force Centre, check the following points:

Symptom	Solution
No power to the appliance	Check there is power at the socket.
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
The light does not come on	Ensure that the bulb is correctly fitted.
	Replace the bulb if it has blown.
	Check the door light switch is not jammed.
The temperature in the fridge or freezer section is too high	Check the temperature in the fridge is turned to the correct setting relative to ambient conditions.
	Check the ambient temperature is within the appliance's operating limits of 10°C to 32°C.
The freezer door will not open	Has door just been opened? If so leave for a few minutes to allow the air pressure to equalise.
The compressor runs continuously	Adjust the thermostat to give correct temperature control. See "Setting the temperature".
	Check that the doors are closed.
	Large quantities of food have recently been placed in the cabinet/and or door is frequently opened.
	Check that air ventilation is not obstructed.
Excessive frost and ice has built up	Ensure the doors are not left open.
	Check that nothing is preventing the doors from closing.
	Is the door gasket intact and clean.
Noise	Refer to normal operating sounds.
Water under the salad bin	Check the drain hole is not blocked. (see Maintenance and Cleaning).

If, after the above checks, there is still a fault, call your local Service Force Centre.

In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Please note that proof of purchase is required for any in-guarantee service calls.

# SERVICE AND SPARE PARTS

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Zanussi Service Force Centre by telephoning:-

**0870 5 929929**

Your telephone call will be automatically routed to the Service Force Centre covering your post code area.

For further details please see the accompanying Customer Care Booklet.

Before calling out an engineer, please ensure you have read the details under the heading 'Something Not Working?'

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault
4. The model and serial number of the appliance (found on the rating plate)
5. The purchase date

# CUSTOMER CARE DEPARTMENT

For general enquiries concerning your Zanussi appliance or for further information on Zanussi products, please contact our Customer Care Department by letter or telephone as follows:-

Customer Care Department

Zanussi

55-77 High Street

Slough

Berkshire

SL1 1DZ

Tel: 08705 727 727

# GUARANTEE CONDITIONS

## Standard guarantee conditions

We, Zanussi, undertake that if within 24 months of the date of the purchase this Zanussi appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.

The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.

The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

All service work under this guarantee must be undertaken by a Zanussi Service Force Centre. Any appliance or defective part replaced shall become the Company's property.

This guarantee is in addition to your statutory and other legal rights.

Home visits are made between **8.30am and 5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

## Exclusions

### This guarantee does not cover:

Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.

Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the European Community (EC) or European Free Trade Area.

Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.

Products of Zanussi manufacture which are not marketed by Zanussi.

## European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

The guarantee starts from the date you first purchased your product.

The guarantee is for the same period and to the same extent for labour and parts as exists in the new country of use for this brand or range of products.

This guarantee relates to you and cannot be transferred to another user.

Your new home is within the European Community (EC) or European Free Trade Area.


The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household.

The product is installed taking into account regulations in your new country.

Before you move please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 29 99
Germany	Nürnberg	+49 (0)911 323 2600
Italy	Pordenone	+39 (0)1678 47053
Sweden	Stockholm	+46 (0)8 738 79 50
UK	Slough	+44 (0)1753 219 897

# TECHNICAL SPECIFICATIONS

POWER SUPPLY VOLTAGE AND FREQUENCY		220-240 V / 50 Hz
TOTAL POWER ABSORBED		110 W
AVERAGE DAILY UNITS ELECTRICITY *		1.00 kWh
GROSS CAPACITY		
	Fridge	202 l
	Freezer	76 l
NET CAPACITY		
	Fridge	182 l
	Freezer	70 l
STAR RATING		

\* This figure is based on standard test results in accordance with European Standard EN 153.

Actual consumption will depend on how the appliance is used and where it is located.

# INSTALLATION



## **Warning**

IF YOU ARE DISCARDING AN OLD APPLIANCE THAT HAS A LOCK OR CATCH ON THE DOOR, YOU MUST ENSURE THAT IT IS MADE UNUSABLE TO PREVENT YOUNG CHILDREN BEING TRAPPED INSIDE.

Depending upon the position which you choose for your appliance, you may wish to reverse the way in which the door opens. To do this, refer to instructions on “Door reversal directions”.

## **Positioning**

This appliance is designed to operate in ambient temperatures between 10°C (50°F) and 32°C (90°F). It should be located in a dry atmosphere, out of direct sunlight and away from extreme temperature e.g. not next to a cooker or other sources of direct heat, or in a very cold room e.g. an outhouse, where the temperatures may fall below 10°C (50°F). If these temperatures are exceeded i.e. colder or warmer, then the appliance may not operate correctly.

For building-in and door reversibility, if necessary , refer to the relevant instructions in the following pages.

## **Electrical connections**

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

**WARNING: THIS APPLIANCE MUST BE EARTHED.**

**The manufacturer declines any liability should this safety measure not be observed.**

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted.

Remove the fuse from the cut off plug.

The cut off plug should then be disposed of to prevent the hazard of shocks in case it should be plugged into a 13amp socket in another part of your home.

### **Important**

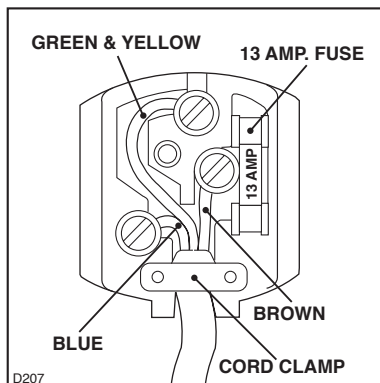
The wires in the mains lead are coloured in accordance with the following code:


**Green and Yellow** - Earth

**Blue** - Neutral

**Brown** - Live

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, proceed as follows:



Connect the Green and Yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol  or coloured green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.

Connect the brown (live) wire to the terminal in the plug which is marked with the letter «L» or coloured red.


The plug moulded onto the lead incorporates a fuse.

For replacement, use a 13amp BSI362 fuse. Only ASTA or BSI approved fuses should be used.

The plug must not be used if the fuse cover/carrier is lost. The cover/carrier is indicated by the coloured insert at the base of the plug.

A replacement cover/carrier must be obtained from your local Zanussi Service Force Centre whose address is listed in the Customer Care Booklet which accompanies your instruction manual.

**This appliance complies with the E.E.C. Directive No. 87/308 of 2.6.87 relative to radio interference suppression.**

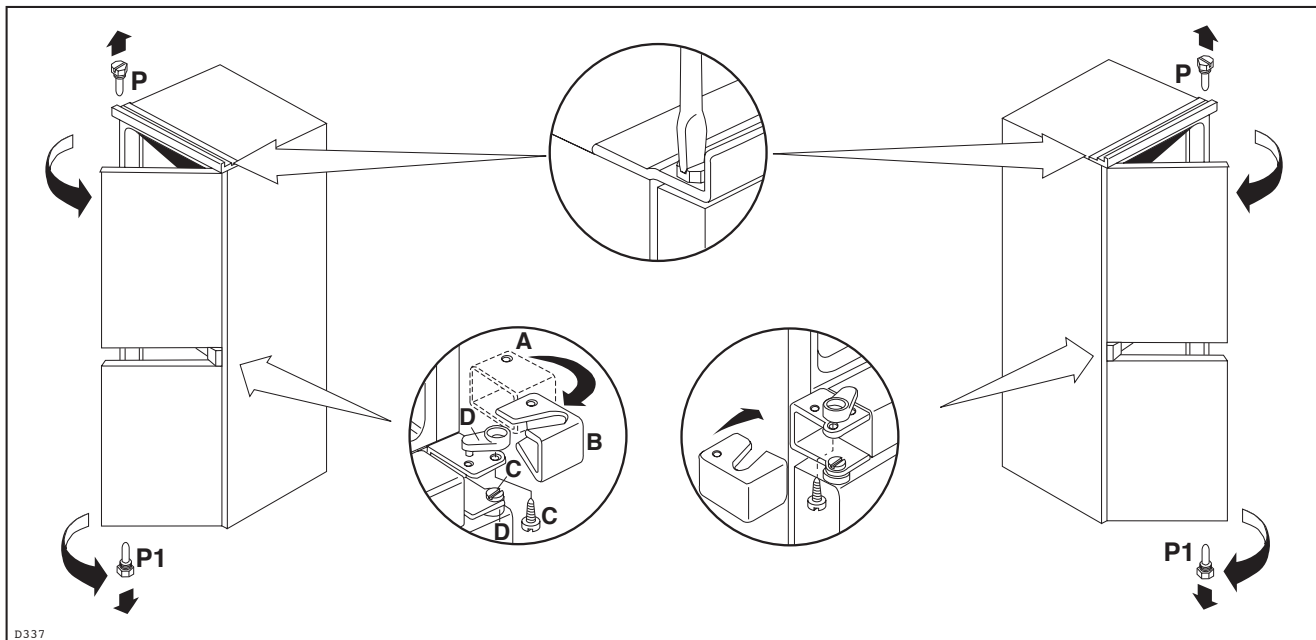
 This appliance complies with the following E.E.C. Directives:

- **73/23 EEC of 19.2.73** (Low Voltage Directive) and subsequent modifications;
- **89/336 EEC of 3.5.89** (Electromagnetic Compatibility Directive) and subsequent modifications.

**Please ensure that when the appliance is installed it is easily accessible for the engineer in the event of a breakdown.**

## Instructions for totally built-in appliances

### Door reversibility



#### Right-hand opening

Remove pins (P) and (P1) .

#### Left-hand opening

Remove (P) from both sides and also remove the door .

Remove centre hinge (A) from the left side and (B)-(C)-(D) from the right side.

Refit (B)-(C)-(D) on the left side and (A) on the right side.

Refit the door and (P) on the left-hand side and remove (P1) from the right-hand side.

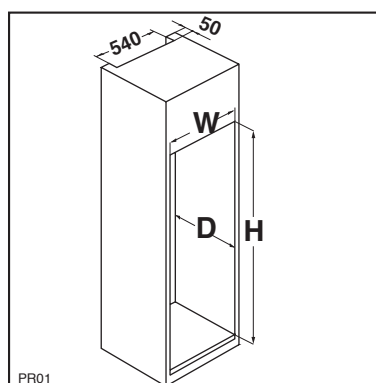
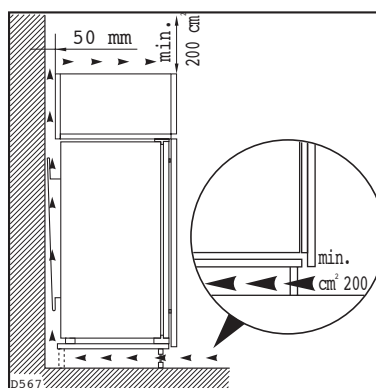
#### Recess dimensions

Height	1780 mm
Depth	550 mm
Width	560 mm

To ensure adequate ventilation, allow the clearances shown in figure.

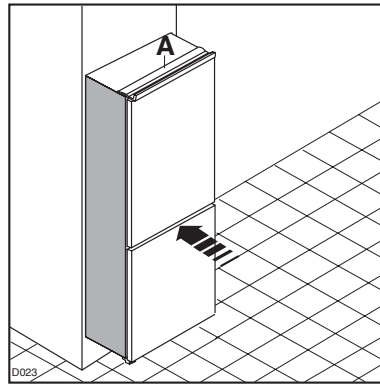
Furthermore, it is necessary that the cabinet has a ventilation recess with the following dimensions:

depth	50 mm
width	540 mm





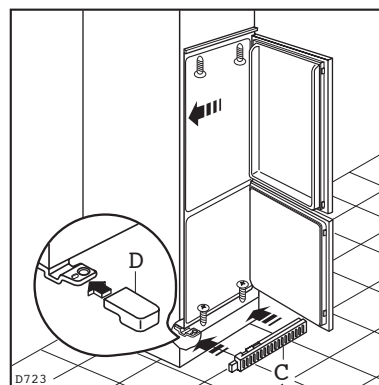
Push appliance into housing until stop strip (A) touches the kitchen unit.



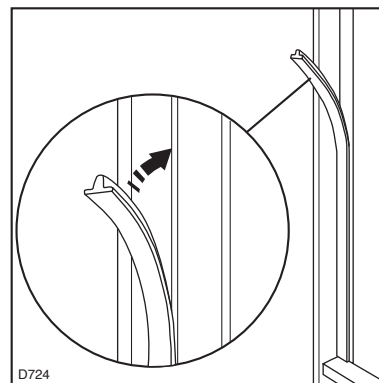
Open the door and push the appliance against the side of the kitchen unit opposite to that of appliance hinges.

Fasten the appliance with 4 screws provided in the kit included with the appliance.

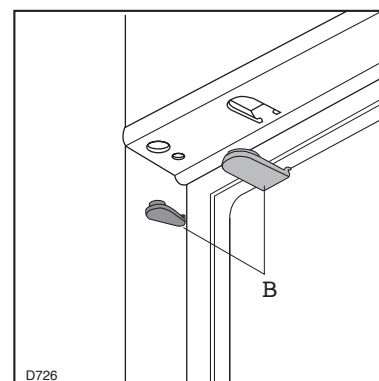
Snap ventgrille (C) and hinge cover (D) into position



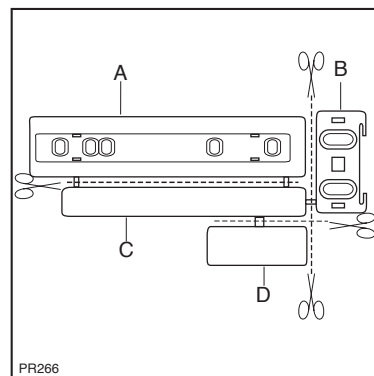
Press in the joint covers between the appliance and the kitchen unit.



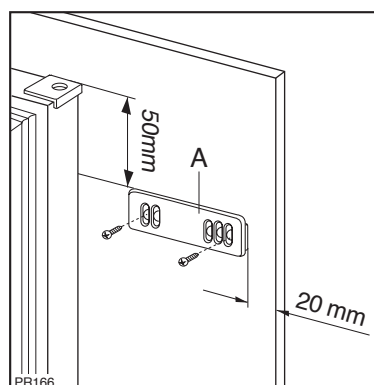
Apply covers (B) on joint cover lugs and into hinge holes.



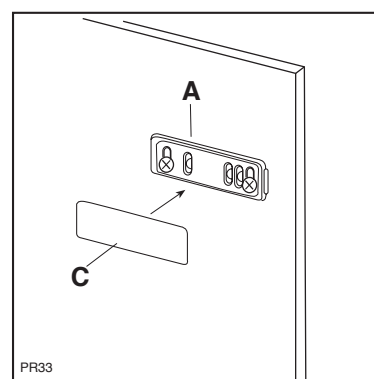
Separate parts A, B, C, D as shown in the figure



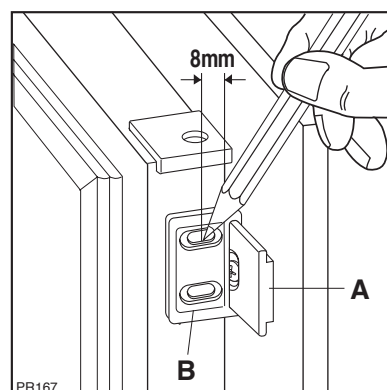
Place guide (A) on the inside part of the furniture door, up and down as shown in the figure and mark the position of external holes. After having drilled holes, fix the guide with the screws supplied.



Fix cover (C) on guide (A) until it clips into place.

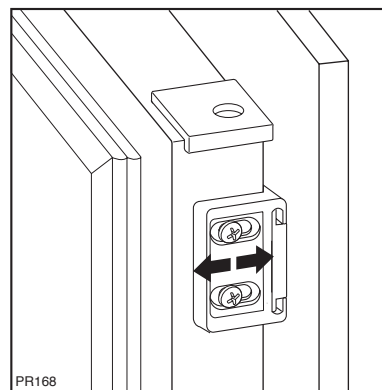


Open the appliance door and the furniture door at 90°. Insert the small square (B) into guide (A). Put together the appliance door and the furniture door and mark the holes as indicated in the figure. Remove the squares and drill holes with  $\varnothing$  2 mm at 8 mm from the outer edge of the door. Place the small square on the guide again and fix it with the screws supplied.

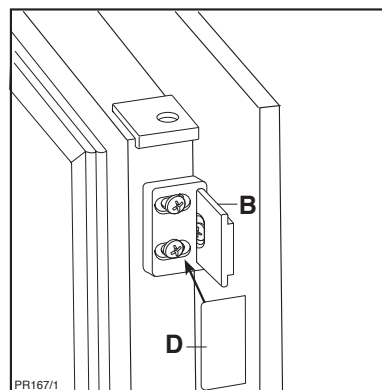


Should the lining up of the furniture door be necessary, use the clearance of slots.

At the end of operations, it is necessary to check if the door of the furniture closes properly.



Fix cover (D) on guide (B) until it clips into place.



If the appliance is fixed to the side of the kitchen unit, simply slacken the screws in fixing brackets (E), move the brackets as shown in the figure and re-tighten the screws.

